

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 179-54

C# M#

CLARK et al

TC/A.U.1639

Serial No. 10/020,436

Examiner: T.D. Wessendorf

Filed: December 18, 2001

Date: December 7, 2004

Title: A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT  
COVALENTLY MODIFY SUBSTRATE MOLECULESCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT UNDER 37 CFR §1.111**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment 16 minus highest number  
previously paid for 20 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 1 minus highest number  
previously paid for 3 (at least 3) = 0 x \$ 88.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$300.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s) (\$110.00/1 month; \$430.00/2 months; \$980.00/3 months) \$ 0.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$790.00) \$ 0.00

☐ Please enter the previously unentered, filed

☐ Submission attached

**Subtotal \$ 0.00**

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

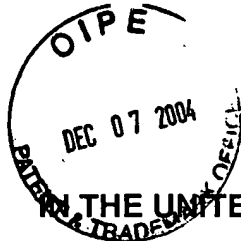
Assignment Recording Fee (\$40.00) \$ 0.00

Other: **ABSTRACT OF THE DISCLOSURE; COPY OF RULE 63 DECLARATION;  
REPLACEMENT SHEETS OF FIGS. 4-17; AND MARKED-UP AND CLEAN COPY OF  
SUBSTITUTE SPECIFICATION** 0.00

**TOTAL FEE ENCLOSED \$ 0.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, Virginia 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100  
GRT:apNIXON & VANDERHYE P.C.  
By Atty: Gary R. Tanigawa, Reg. No. 43,180Signature: 



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CLARK et al.

Appln. No. 10/020,436

Filed: December 18, 2001

Confirmation No.: 1671

Atty. Ref.: 179-54

T.C. / Art Unit: 1639

Examiner: T.D. Wessendorf

FOR: A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT  
COVALENTLY MODIFY SUBSTRATE MOLECULES

\* \* \*

**AMENDMENT UNDER 37 CFR § 1.111**

December 7, 2004

**Mail Stop Amendment**

U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action (Paper No. 11) mailed December 5, 2003 and the Notice of Non-Compliant Amendment mailed November 19, 2004, entry and consideration of the following amendments and remarks are respect-fully requested.

Amended portions of the **specification** are presented on page 2-18.

The Abstract of the Disclosure is attached.

Marked-up and clean copies of the substitute specification are attached.

Additional drawings (Figures 4-17) are attached.

The **claims** are presented on pages 19-21.

Claims 1 and 12 are amended.

Claims 11 and 13-15 are canceled without prejudice or disclaimer.

Claim 17 is added.

**Remarks** begin on page 22.